

CLAIMS:

- 1 1. An automated system for creating and customizing a screen display, comprising:
 - 2 a customizer user interface for interactively presenting a sequence of customizer dialogs
 - 3 each having one or more controls, the controls being responsive to input from a writer of the
 - 4 application project generator to thereby choose from a plurality of generator options; and
 - 5 a customizer tool being responsive to the customizer user interface for creating a screen
 - 6 according to the generator options chosen by the writer, the application project generator
 - 7 comprising:
 - 8 a device template file generator for generating and editing canonical template files and
 - 9 device template files;
 - 10 a screen template generator for generating and editing screen template files;
 - 11 a plurality of canonical template files,
 - 12 a plurality of screen definition files, and
 - 13 a plurality of device templates files; and
 - 14 wherein the screen display is created in HyperText markup language.
- 1 2. The automated system for creating and customizing a screen display according to
2 Claim 1, wherein the device template file generator comprises a device template file generator
3 window and a template generation control window.
- 1 3. The automated system for creating and customizing a screen display according to
2 Claim 1, wherein the device template file generator automatically generates the device template
3 file.
- 1 4. The automated system for creating and customizing a screen display according to
2 Claim 1, wherein the device template file generator prompts a user when generating the device
3 template file.
- 1 5. The automated system for creating and customizing a screen display according to
2 Claim 1, wherein the system further comprises a rule generator.
- 1 6. The automated system for creating and customizing a screen display according to
2 Claim 1, wherein the system further comprises a rule interpreter.
- 1 7. The automated system for creating and customizing a screen display according to
2 Claim 1, wherein the system further comprises a rule handler.

3 8. The automated system for creating and customizing a screen display according to
4 Claim 1, wherein the system further comprises a rule repository.

1 9. The automated system for creating and customizing a screen display according to
2 Claim 1, wherein the system further comprises a parser.

1 10. The automated system for creating and customizing a screen display according to
2 Claim 1, wherein the system further comprises an activity logger.

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